



**BUILDING CODE COMPLIANCE OFFICE (BCCO)  
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 372-6339**

## **NOTICE OF ACCEPTANCE (NOA)**

**[www.miamidade.gov/buildingcode](http://www.miamidade.gov/buildingcode)**

**La Finestra, L.C.  
2790 N.W. 104 Court  
Miami, FL 33172**

### **SCOPE:**

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

### **DESCRIPTION: Series "EKU-53" Aluminum Fixed Window - L.M.I.**

**APPROVAL DOCUMENT:** Drawing No. LAFINFX3-10, titled "Series EKU-53 Aluminum Fixed Window", sheets 1 through 5 of 5, dated 3/11/10, prepared by Bromley-Cook Engineering, Inc., signed and sealed by William D. Cook, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

### **MISSILE IMPACT RATING: Large and Small Missile Impact Resistant**

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises NOA # 08-0208.01** and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



**NOA No. 10-0706.03  
Expiration Date: March 06, 2013  
Approval Date: October 27, 2010  
Page 1**

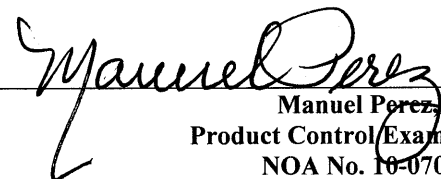
**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No **LAFINFX3-10**, titled "Series ECU-53 Aluminum Fixed Window", sheets 1 through 5 of 5, dated 03/11/10, prepared by Bromley-Cook Engineering, Inc., signed and sealed by William D. Cook, P.E.

**B. TESTS**

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
along with marked-up drawings and installation diagram of a series ECU-53 aluminum fixed window, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-08-2140A**, dated 07/07/08, signed and sealed by Candido F. Font, P.E.
2. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94  
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of a series ECU-53 aluminum fixed window, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-08-2140B**, dated 07/07/08, signed and sealed by Candido F. Font, P.E.
3. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
along with marked-up drawings and installation diagram of a series ECU-53 aluminum fixed window, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-08-2141A**, dated 07/07/08, signed and sealed by Candido F. Font, P.E.
4. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94  
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of a series ECU-53 aluminum fixed window, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-08-2141B**, dated 07/07/08, signed and sealed by Candido F. Font, P.E.
5. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94  
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of a series ECU-53 aluminum fixed window, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-08-2142**, dated 07/07/08, signed and sealed by Candido F. Font, P.E.

  
Manuel Perez, P.E.  
Product Control/Examiner  
NOA No. 10-0706.03

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**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**B. TESTS (CONTINUED)**

6. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Large Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of an aluminum fixed window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3545**, dated 08/13/02, signed and sealed by Joseph Chan, P.E.  
**(Submitted under previous NOA # 02-1018.12)**
7. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94  
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of an aluminum fixed window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3546**, dated 08/13/02, signed and sealed by Joseph Chan, P.E.  
**(Submitted under previous NOA # 02-1018.12)**
8. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94  
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of an aluminum fixed window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3547**, dated 06/13/02, signed and sealed by Joseph Chan, P.E.  
**(Submitted under previous NOA # 02-1018.12)**

**C. CALCULATIONS**

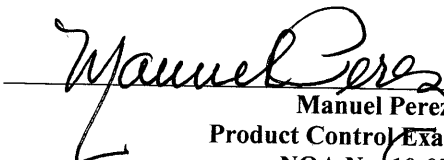
1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by Bromley-Cook Engineering, Inc., dated 04/03/08 with the latest revision dated 06/20/10, signed and sealed by William D. Cook, P.E.  
**Complies with ASTM E1300-04**

**D. QUALITY ASSURANCE**

1. Miami Dade Building Code Compliance Office (BCCO).

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **05-1208.02** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont Butacite PVB Interlayer**" dated 01/05/06, expiring on 12/11/10.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. **10-0706.03**  
Expiration Date: March 06, 2013  
Approval Date: October 27, 2010

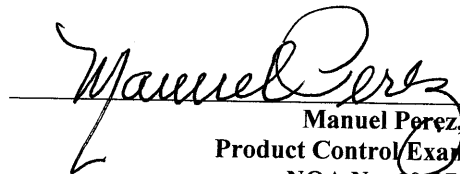
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**F. STATEMENTS**

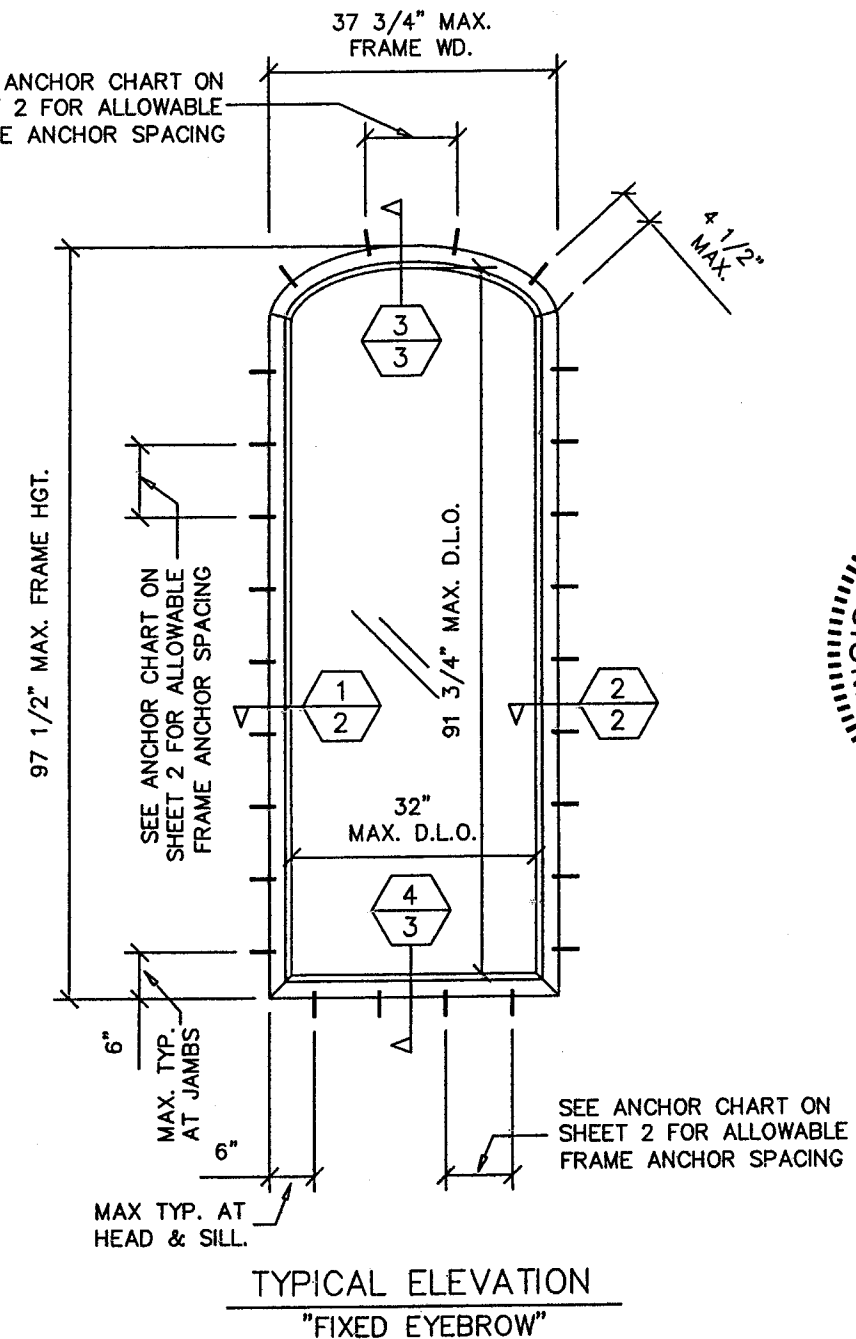
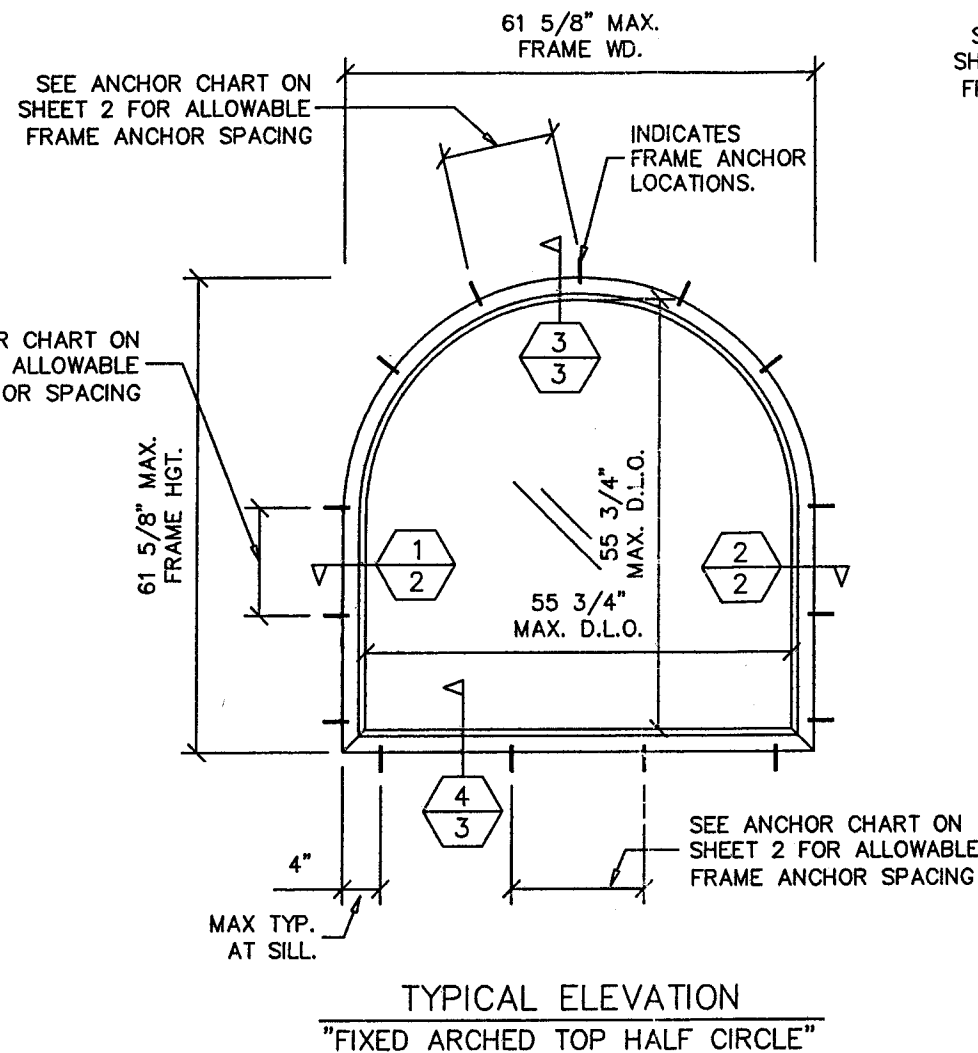
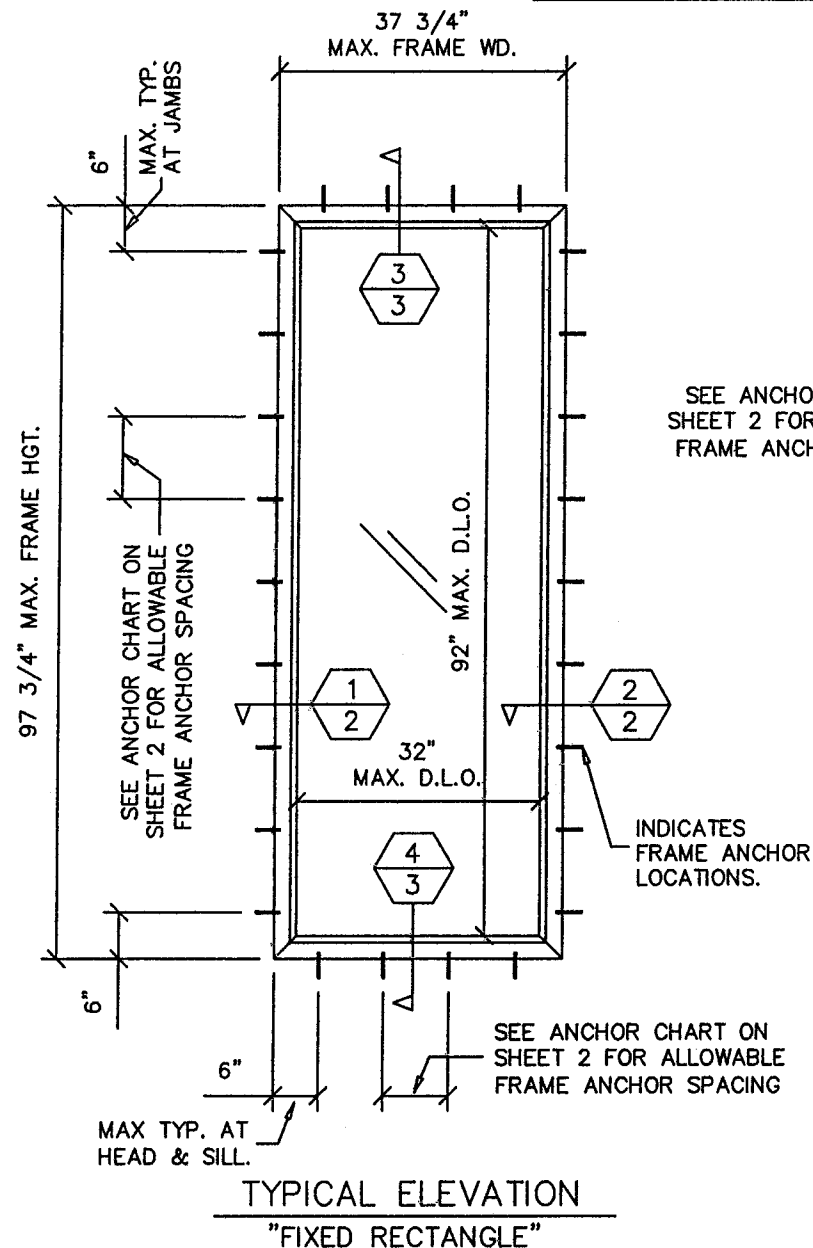
1. Statement letter of conformance, dated June 23, 2010, signed and sealed by William D. Cook, P.E.
2. Statement letter of no financial interest, dated June 23, 2010, signed and sealed by William D. Cook, P.E.
3. Laboratory compliance letter for Test Report no. **FTL-3545, FTL-3546, and FTL-3547**, issued by Fenestration Testing Laboratory, Inc., dated August 29, 2002, signed and sealed by Joseph Chan, P.E.  
*(Submitted under previous NOA # 02-1018.12)*

**G. OTHER**

1. Notice of Acceptance No. **08-0208.01**, issued to La Finestra, L.C. for their Series "EKU-53" Aluminum Fixed Window – L.M.I., approved on 08/07/08 and expiring on 03/06/13.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 10-0706.03  
Expiration Date: March 06, 2013  
Approval Date: October 27, 2010

# LA FINESTRA, LC SERIES: EKU 53 FIXED WINDOW L.M.I.



## NOTES:

1. THIS SYSTEM HAS BEEN DESIGNED TO COMPLY WITH THE REQUIREMENTS OF THE HIGH VELOCITY HURRICANE ZONE (HVHZ) AS DESCRIBED IN THE "2007 FLORIDA BUILDING CODE"
2. THIS WINDOW SYSTEM HAS BEEN TESTED, ENGINEERED AND APPROVED FOR FRAME SIZES AND DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN WINDOW SIZE CHART ON SHEET 4.
3. BUCK, OPENINGS & BUCK FASTENERS MUST BE DESIGNED & INSTALLED TO WITHSTAND WIND LOADS FOR EACH APPLICATION. THE DESIGN & ENGINEERING OF BUCKS SHALL BE PROVIDED BY "THE PROFESSIONAL OF RECORD"
4. BUCK FASTENERS MAY NOT EXCEED 16" O.C. SPACING AROUND OPENINGS.
5. THE SYSTEM SHOWN HEREIN WAS TESTED FOR WATER, AIR, IMPACT, CYCLIC & UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH DADE COUNTY PROTOCOLS TAS-201, 202 & 203.
6. ONE-THIRD (33%) INCREASE IN ALLOWABLE MATERIAL STRESS LIMITS FOR SHORT DURATION WIND LOAD NOT USED IN THE DESIGN CALCULATIONS.
7. MULTIPLE UNITS (STACKED SIDE BY SIDE OR TOP TO BOTTOM) SHALL REQUIRE SEPARATE MULLION WITH SEPARATE PRODUCT APPROVAL.

OTHER GEOMETRIC FRAME SHAPES MAY BE USED PROVIDED THE SHAPE FITS INSCRIBED INSIDE THE MAXIMUM ALLOWABLE RECTANGULAR AREA INDICATED ON WINDOW SIZE CHART ON PAGE 4.

GLASS SCHEDULE	
GL-1	7/16" (.460") LAMINATED (LARGE MISSILE IMPACT) 3/16" (0.185") HEAT STRENGTHENED .090 INTERLAYER DUPONT BUTACITE (PVB) 3/16" (0.185") HEAT STRENGTHENED

MAX. DESIGN PRESSURES	
SEE CHART ON SHEET-4 FOR ALLOWABLE PRESSURES.	
WATER INFILTRATION TEST = 12.75 P.S.F.	

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 10-0706.03  
Expiration Date MARCH 6, 2013  
By *Manuel J. [Signature]*  
Miami Dade Product Control  
Division

LA FINESTRA, L.C.  
ITALIAN WINDOWS & DOORS  
2790 N.W. 104 Court  
Miami, FL 33172  
Phone (305) 599-8093  
Fax (305) 592-4671

BROOKS-CORNO ENGINEERING, INC.  
STRUCTURAL ENGINEERING SERVICES  
2240 N.W. 33RD AVENUE, SUITE 200  
FORT LAUDERDALE, FL 33308  
JUN 2 2013  
WILLIAM D. COOK P.E. 14390  
S.E. 12408  
LICENSE

PRODUCT:  
SERIES EKU-53  
ALUMINUM FIXED  
WINDOW

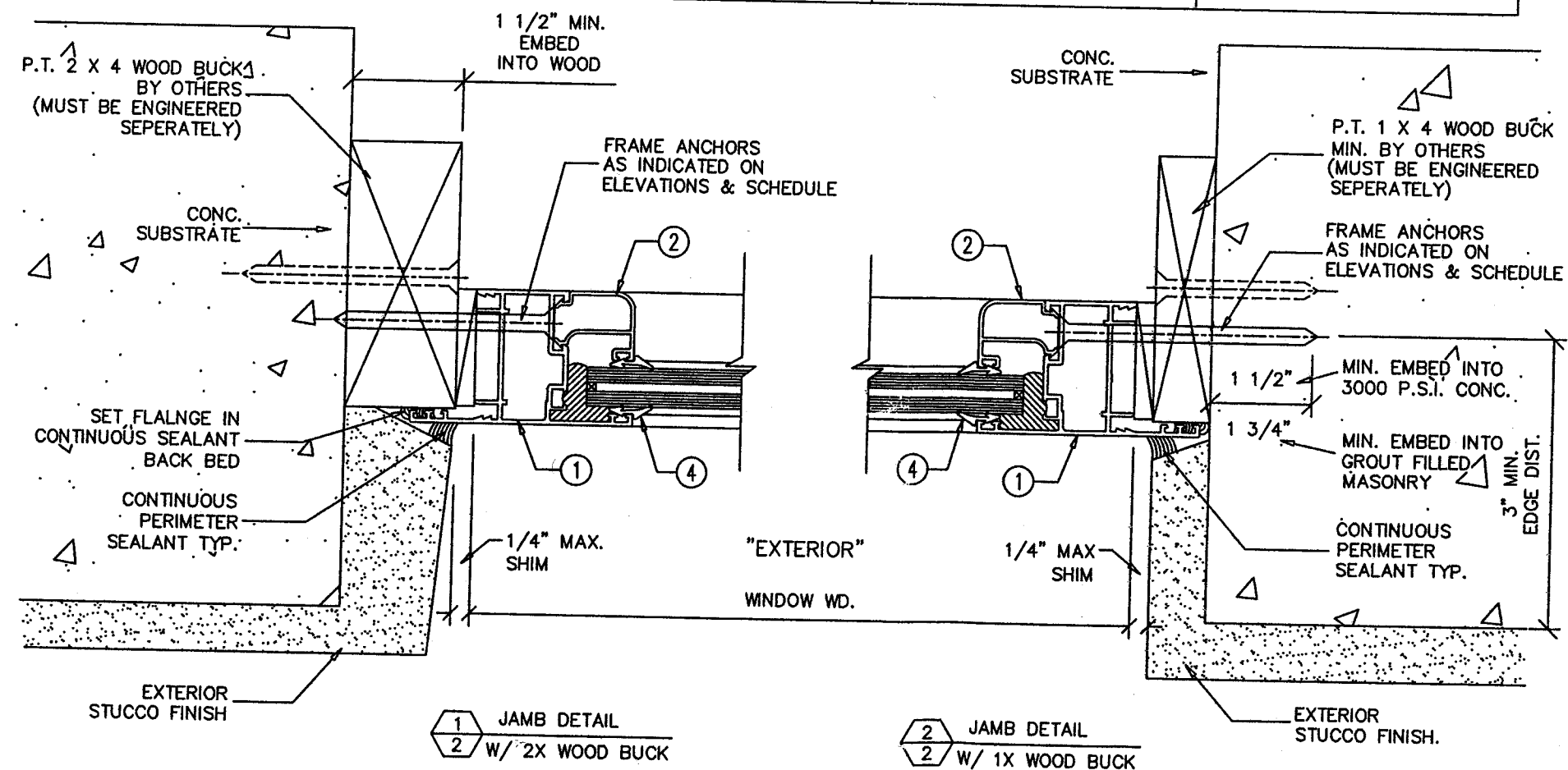
REVISIONS	DATE	DESCRIPTION
No.		

DATE: 3/11/10  
SCALE: AS NOTED  
DWG. BY: R.P.  
CHK. BY:

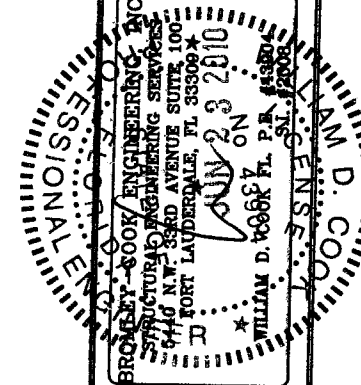
DRAWING No.:  
LAFINFX3-10

SHEET 1 OF 5

ANCHOR SCHEDULE				
ANCHOR TYPE	SUBSTRATE/EMBED	WINDOW WIDTH	MAXIMUM ALLOWABLE ANCHOR SPACING HEAD & SILL	MAXIMUM ALLOWABLE ANCHOR SPACING JAMBS
1/4" DIA. X REQ'D. LENGTH F.H. TAPCON OR EQUAL  Fy = 92 KSI Fy = 120 KSI	CONCRETE (2000 PSI MIN.) EMBED: 1 1/2" INTO CONC. MIN.  CBS (GROUT FILLED) EMBED: 1 3/4" INTO CBS. MIN.	UP TO 61-5/8"	4" MIN. TO 6" MAX. FROM ENDS BALANCE @ 10" C/C MAX.	4" MIN. TO 6" MAX. FROM ENDS BALANCE @ 10" C/C MAX.
#14 X REQ'D. LENGTH F.H.S.M.S. OR SELF-DRILLING ELCO DRILL FLEX  Fy = 92 KSI Fy = 120 KSI	METAL STRUCTURES STEEL A36 MIN. OR 1/8" MIN. THICK ALUM. 6061-T6	UP TO 61-5/8"	4" MIN. TO 6" MAX. FROM ENDS BALANCE @ 10" C/C MAX.	4" MIN. TO 6" MAX. FROM ENDS BALANCE @ 10" C/C MAX.
#14 X 3" F.H.S.M.S.	MIN. 2 X 4 NO.2 S.Y.P. EMBED: 1 1/2" INTO WOOD MIN.	UP TO 61-5/8"	4" MIN. TO 6" MAX. FROM ENDS BALANCE @ 6" C/C MAX.	4" MIN. TO 6" MAX. FROM ENDS BALANCE @ 6" C/C MAX.
		UP TO 54"	4" MIN. TO 6" MAX. FROM ENDS BALANCE @ 7" C/C MAX.	4" MIN. TO 6" MAX. FROM ENDS BALANCE @ 7" C/C MAX.
		UP TO 42"	4" MIN. TO 6" MAX. FROM ENDS BALANCE @ 9" C/C MAX.	4" MIN. TO 6" MAX. FROM ENDS BALANCE @ 9" C/C MAX.
		UP TO 36"	4" MIN. TO 6" MAX. FROM ENDS BALANCE @ 10" C/C MAX.	4" MIN. TO 6" MAX. FROM ENDS BALANCE @ 10" C/C MAX.



PRODUCT REVIEWED  
in compliance with the Florida  
Building Code  
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By *Manuel*  
Miami Dade Product Control  
Division

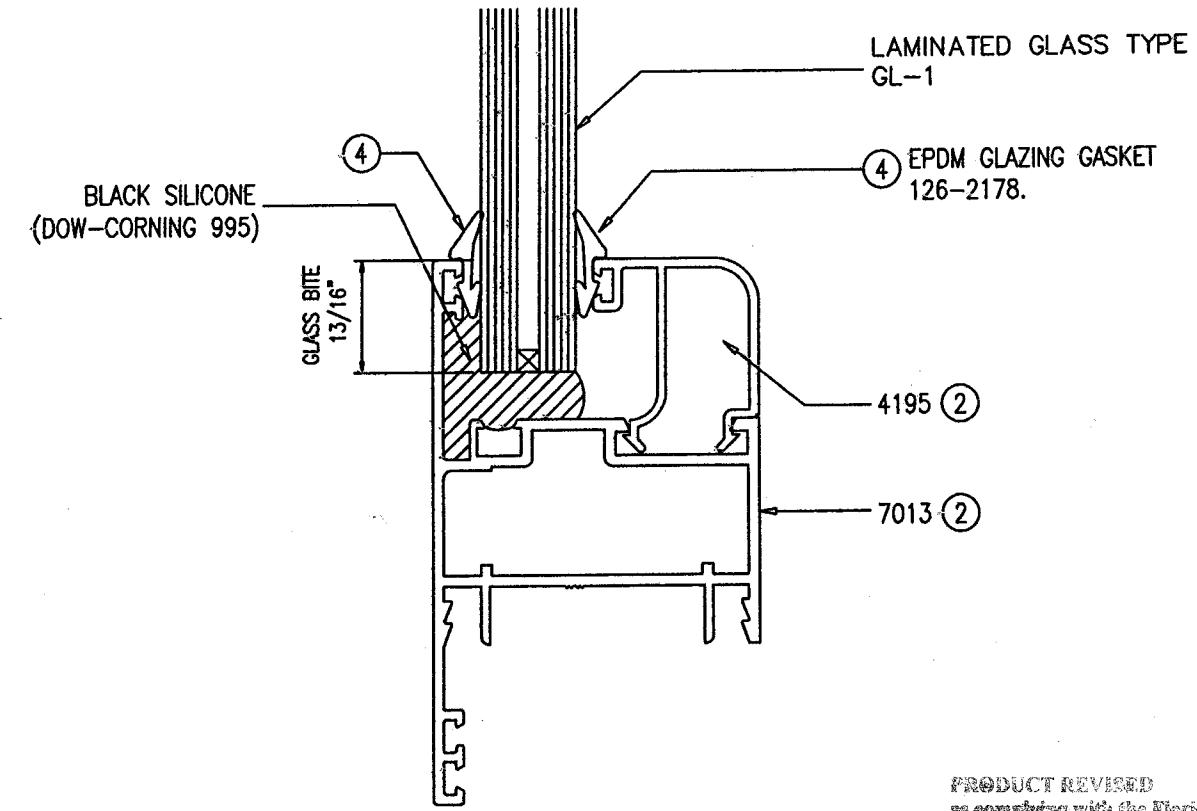
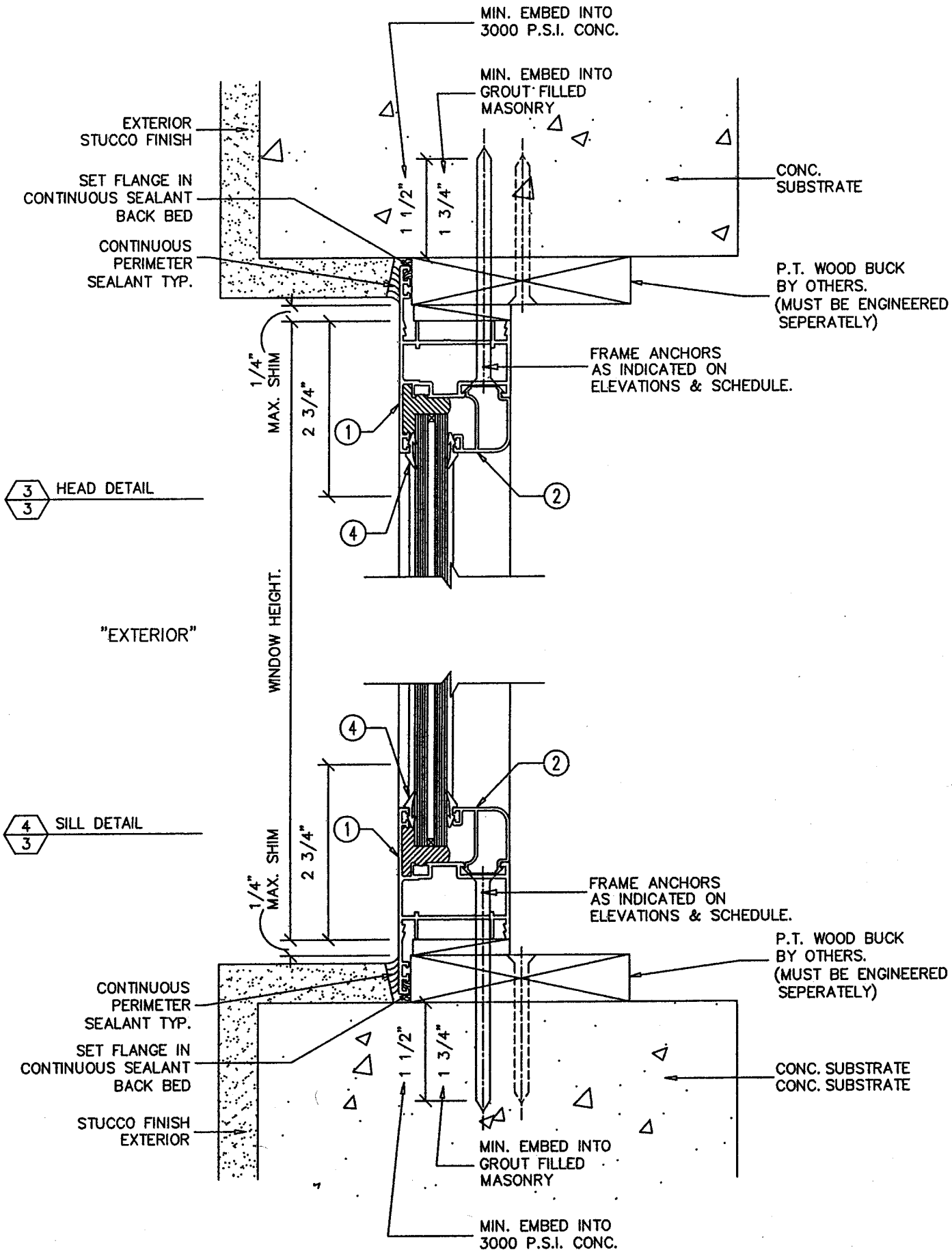


LA FINESTRA, I.L.C.  
ITALIAN WINDOWS & DOORS  
2790 N.W. 104 Court  
Miami, FL 33172  
Phone (305) 599-8093  
Fax (305) 592-4671

PRODUCT:  
SERIES EKV-53  
ALUMINUM FIXED  
WINDOW

REVISIONS	DATE	BY	DESCRIPTION
No.			

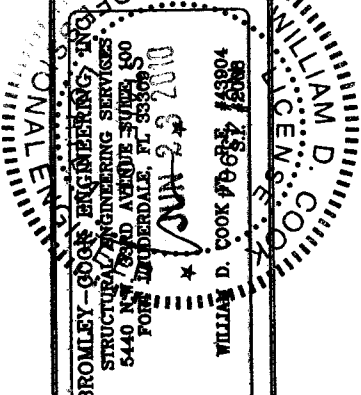
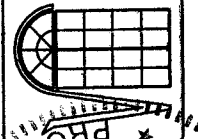
DATE: 3/11/10  
SCALE: AS NOTED  
DWG. BY: R.P.  
CHK. BY:  
DRAWING No.: LAFINFX3-10  
SHEET 2 OF 5



G1 TYPICAL GLAZING DETAIL  
"FULL SIZE"

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PRODUCT:  
SERIES EKV-53  
ALUMINUM FIXED  
WINDOW

REVISIONS	DATE	BY	DESCRIPTION
No.			

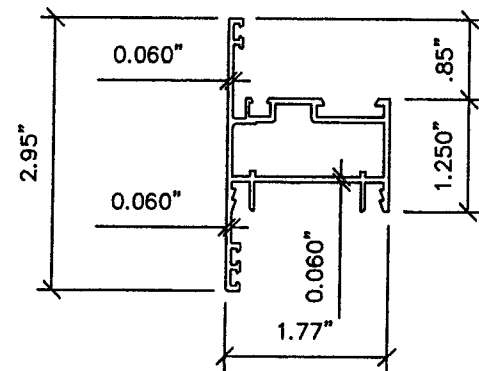
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DWG. BY: R.P.  
CHK. BY:

DRAWING No.:  
LAFINFX3-10  
SHEET 3 OF 5

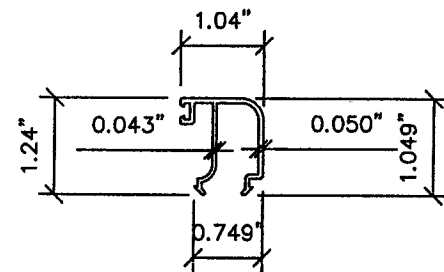




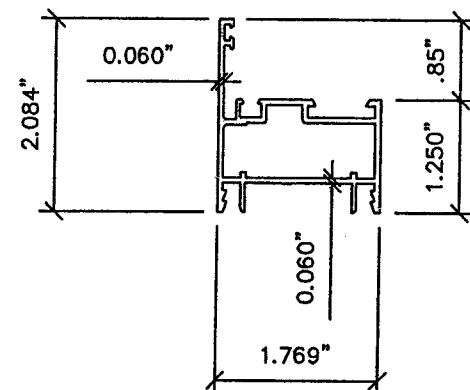
7013 - FRAME (FLANGED) ①



4195- GLAZING BEAD ②



7014 - FRAME (NON-FLANGED) ①A

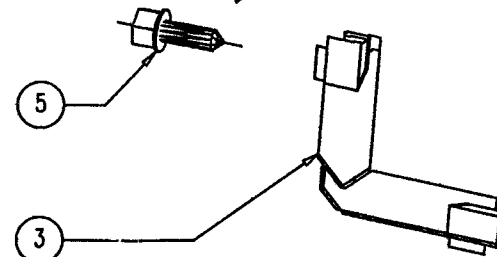
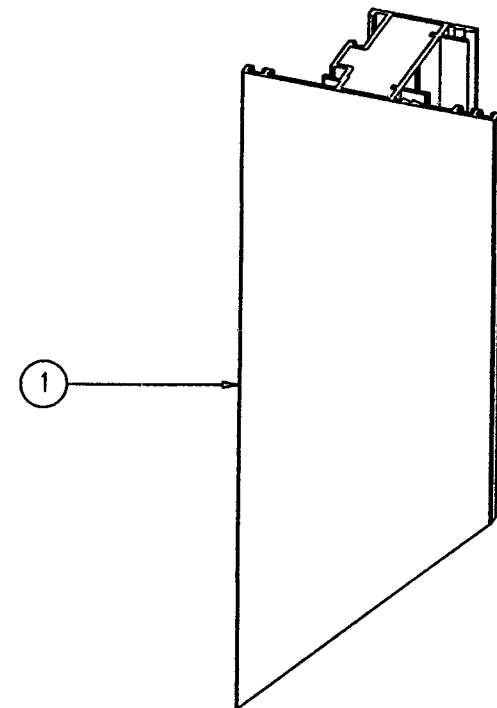


## MATERIAL LIST

KEY	PART NUMBER	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
①	7013	FRAME HEAD/SILL/JAMB (W/ FLANGE)	EN AW-6060 - T5	PROFILATI SpA
①A	7014	FRAME HEAD/SILL/JAMB (W/O FLANGE) OPTIONAL	EN AW-6060 - T5	PROFILATI SpA
②	4195	GLAZING BEAD	EN AW-6060 - T5	PROFILATI SpA
③	0409	FRAME CORNER KEY	CAST ALUMINUM	MONTICELLI
④	126-2178	CONTINUOUS EPDM WEDGE GASKET	EPDM	
⑤	SC-1	#14 HEX HEAD S.M.S.	CAD-PLATED STEEL	

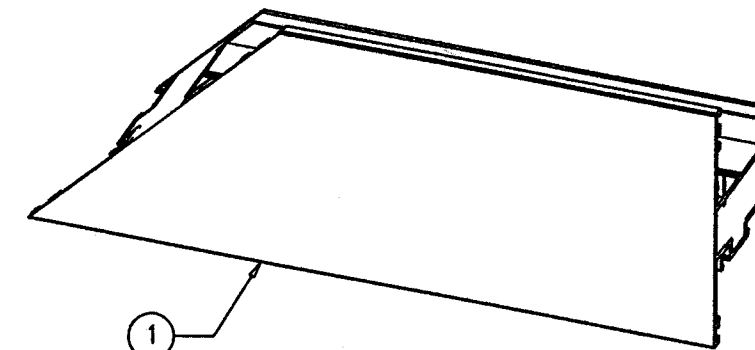
## SEALANTS

- GLAZING BEAD AT FRAME SILL SEALED TO GLASS WITH DOW CORNING 995 OR PECORA 895
- FRAME CORNERS SEALED WITH DOW CORNING 999



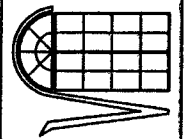
A  
5

FRAME CORNER JOINT



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Miami, FL 33172  
Phone (305) 599-8093  
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BROOKLYN ENGINEERING, INC.  
STRUCTURAL ENGINEERING SERVICES  
1440 N.W. 36TH AVENUE, SUITE 100  
FORT LAUDERDALE, FL 33309  
WILLIAM D. COOK, P.E. #48864  
20637 ONSL 12008

PRODUCT:  
SERIES EKV-53  
ALUMINUM FIXED  
WINDOW

REVISIONS	DATE	BY	DESCRIPTION
No.			

DATE: 3/11/10  
SCALE: AS NOTED  
DWG. BY: R.P.  
CHK. BY:

DRAWING No.:  
LAFINFX3-10

SHEET 5 OF 5